

MR2349-692
Appl. No. 09/972,892
Amdt. dated 24 September 2003
Reply to Office Action of 27 June 2003

AMENDMENTS TO THE CLAIMS

This listing of Claims will replace all prior versions, and listings, of Claims in the

Application:

LISTING OF CLAIMS:

Claim 1 (currently amended): A wire rewinding box with a recharge unit,
comprising:

a hollow casing defining a receiving chamber therein, a positioning ring
being mounted on a lower end of said hollow casing;

a windlass received within said receiving chamber;

a coil spring biasing said windlass with respect to said hollow casing;

a circuitboard having a light emitting element and a sound producing
element, said circuitboard being received within said receiving chamber;

a first communication wire being wound on said windlass, a first end of the
first communication wire projecting through the casing, a second end of said first
communication wire being in electrical communication with said circuitboard;

a second communication wire having a first end projecting through said
hollow casing and a second end being in electrical communication with said circuitboard;

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a recharge unit having a gear mechanism, a generator and a battery, said recharge unit being received within said receiving chamber, said gear mechanism being positioned between the windlass and the generator, said battery being in electrical communication with said generator, said first communication wire driving said gear mechanism for recharging said battery; and

a gear received within said receiving chamber and being mounted at one side of said windlass to connect with said gear mechanism;

a telescoping press handle having a positioning groove formed therein, said positioning ring being received within said positioning groove, said telescoping press handle being mounted on said lower end of said hollow casing, said telescoping press handle communicating with said gear mechanism for recharging said battery, said telescoping press handle being telescopically reversibly extendable.

Claim 2 (previously presented): The wire rewinding box with a recharge unit as claimed in Claim 1, wherein said hollow casing includes a first half casing and a second half casing that are combined as one unit, a shaft being received within said receiving

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chamber, the shaft having a wire groove and said hollow casing having a wire outlet on a side thereof, said windlass having a shaft hole that is inserted by the shaft for the purpose of rotation, a first winding rim and a second winding rim being formed on opposed sides of said windlass, the first winding rim having a hook groove onto which a hook end of the coil spring is hooked, one end of the communication wire being pulled through the wire groove of the shaft and being wound on the shaft and the second winding rim, and further projecting out of the wire outlet of the hollow casing.

Claim 3 (previously presented): The wire rewinding box with a recharge unit as claimed in Claim 1, wherein the hollow casing has a placement groove and a snap fastener formed on an outer surface thereof.

Claim 4 (withdrawn): The wire rewinding box with a recharge unit as claimed in Claim 1, wherein the recharge unit has a battery, the generator being connected by a connecting wire to the battery.

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Claim 5 (previously presented): The wire rewinding box with a recharge unit as claimed in Claim 1, wherein the press handle includes a press handle main unit and a storage unit, one end of the press handle main unit being joined to one side of the hollow casing, an elastic element being mounted between the press handle main unit and the hollow casing, an accommodating space being formed inside the press handle main unit, the storage unit being received in the accommodating space, an arched rack being mounted inside the press handle main unit, the arched rack being meshed with the gear mechanism.

Claim 6 (original): The wire rewinding box with a recharge unit as claimed in Claim 1, wherein the gear mechanism includes a plurality of gears, there being a first check mechanism between the windlass and the first gear, and a second check mechanism between the first gear and the second gear.

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Claim 7 (original): The wire rewinding box with a recharge unit as claimed in Claim 6, wherein the first check mechanism consists of a plurality of claw gates on the first gear and a plurality of one-way stop blocks that are fixed on the windlass, the one-way stop block having a push face and an inclined slide face, the second check mechanism consists of a plurality of claw gates on the second gear and a plurality of one-way stop blocks on the first gear, said one-way stop block having a push face and an inclined slide face.

Claim 8 (original): The wire rewinding box with a recharge unit as claimed in Claim 1, wherein a specified number of gears in the gear mechanism are designed to be mobile, with two ends of a turning shaft of the gear fitted in a chute on the casing, the turning shaft being capable of sliding inside the chute, so the gear is optionally meshed with or disengaged from another gear.